I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, Mail Stop Amendment, Box 1450, Alexandria, VA 22313-1450 on this 13th day of July, 2005.

Ву

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Group Art Unit: 1647

Examiner: Landsman, Robert S.

(Signature of person mailing E. Victor Donahue

(Typed or printed name of person)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Te Application of:

Christopher W. Benjamin

Application No.: 09/899,495

Filing Date: July 5, 2001

Time Date. July 3, 2001

HUMAN ION CHANNELS (IONS 147-155)

Commissioner for Patents Mail Stop RCE P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Reply with Amendment under 37 CFR 1.116

In response to the Official Action, made final and dated June 14, 2004, reconsideration is respectfully requested in view of the amendments, remarks and other papers as indicated below:

Amendments to the Claims are reflected in the Listing of the Claims which is found as Page 2 of this Paper,

Remarks begin on Page 3 of this Paper

Petition for Extension of Time for Five Months (in duplicate).

An RCE Petition, in duplicate.

Preliminary Remarks

The present Reply with Amendment follows the filing by Applicant of a Notice of Appeal on December 14, 2004. The present submission timely responds to the Final Official of June 14, 2004, and the subsequent Advisory Action, mailed January 18, 2005.